H_2SO_4; MgO; $Cu(OH)_2$; $Fe(NO_3)_2$

3O; 2K; Si

«Oksidlanish darajasi»

N_2

III

$N \equiv N$ N_2 N_2 (III) N_2^0

Oksidlanish qaytarilish reaksiyasi
(amaliyot mashg'uloti)

H_2SO_4; MgO; $Cu(OH)_2$; $Fe(NO_3)_2$

$3O$; $2K$; Si

«Oksidlanish darajasi»

N_2

N (III)

$N \equiv N$ N_2 N_2 (III) N_2^0

Oddiy moddalar

O_3; F_2; Br_2; I_2; Cl_2; P_4; S_8

O_3^0; F_2^0; Br_2^0; I_2^0;

Cl_2^0; P_4^0; S_8^0

Oksidlar
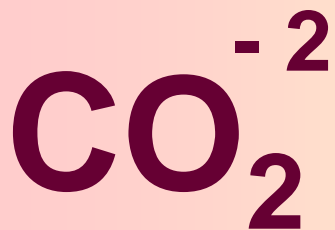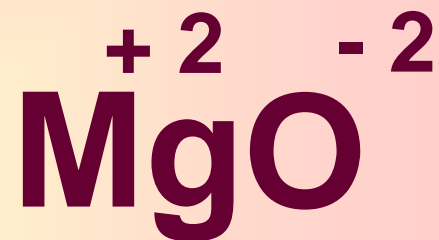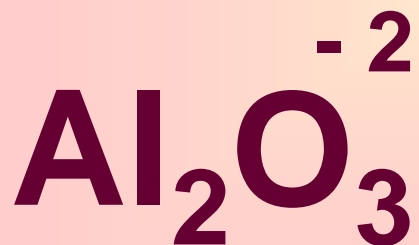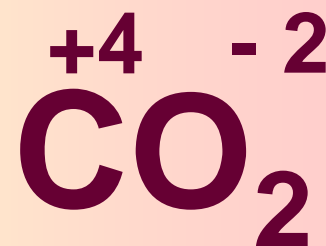
$$\overset{+?\;-2}{\Theta O}$$

$$\overset{-2}{MgO}$$

$-2 \times 1 + X \times 1 = 0;$

$X = +2$

$$\overset{+2\;\;-2}{MgO}$$

$$\overset{-2}{CO_2}$$

$-2 \times 2 + 1 \times X = 0$

$X = +4$

$$\overset{+4\;\;-2}{CO_2}$$

$$\overset{-2}{Al_2O_3}$$

$-2 \times 3 + 2 \times X = 0$

$X = +3$

$$\overset{+3\;\;-2}{Al_2O_3}$$

$$\overset{+X}{Me}\overset{-2}{(O}\overset{+1}{H)_X}$$

Asoslar

$$\overset{-2}{Na}\overset{+1}{OH}$$

$-1 \times 1 + 1 \times X = 0$

$X = +1$

$$\overset{+1}{Na}\overset{-2}{O}\overset{+1}{H}$$

$$\overset{-2}{Ba}\overset{+1}{(OH)_2}$$

$-1 \times 2 + 1 \times X = 0$

$X = +2$

$$\overset{+2}{Ba}\overset{-2}{(O}\overset{+1}{H)_2}$$

$$\overset{-2}{Cr}\overset{+1}{(OH)_3}$$

$-1 \times 3 + 1 \times X = 0$

$X = +3$

$$\overset{+3}{Cr}\overset{-2}{(O}\overset{+1}{H)_3}$$

$$\overset{+1 +? -2}{HЭO_n}$$

Kislotalar

$$\overset{+1 \quad -?}{HЭ}$$

$$\overset{+1 \qquad -2}{HNO_3}$$

$$-2 \times 3 + 1 \times X + 1 \times 1 = 0$$
$$X = +5$$

$$\overset{+1 +5 -2}{HNO_3}$$

$$\overset{+1 \qquad -2}{H_3PO_4}$$

$$-2 \times 4 + 1 \times X + 1 \times 3 = 0$$
$$X = +5$$

$$\overset{+1 \quad +5 \quad -2}{H_3PO_4}$$

$$\overset{+1}{H_2S}$$

$$- X \times 1 + 1 \times 2 = 0$$
$$X = -2$$

$$\overset{+1 \quad -2}{H_2S}$$

$$\overset{+y}{Me}(\overset{+x}{\Э}\overset{-2}{O_n})_y \quad \textbf{Yuzlar}$$

$$\overset{+1}{K}\overset{+5}{N}\overset{-2}{O_3}$$

$$-2 \times 3 + X \times 1 + 1 \times 1 = 0$$
$$X = +5$$

$$\overset{+2}{Ba}(\overset{+5}{N}\overset{-2}{O_3})_2$$

$$(-2 \times 3 + X \times 1) \times 2 + 2 \times 1 = 0$$
$$X = +5$$

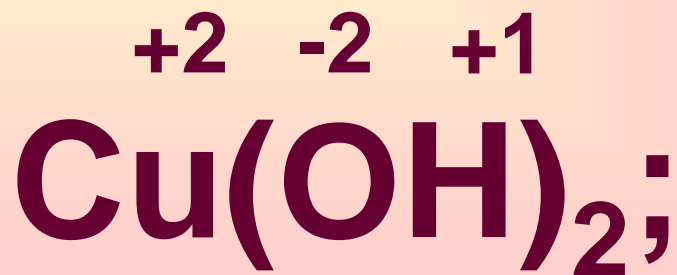$$\overset{+3}{Al_2}(\overset{+6}{S}\overset{-2}{O_4})_3$$
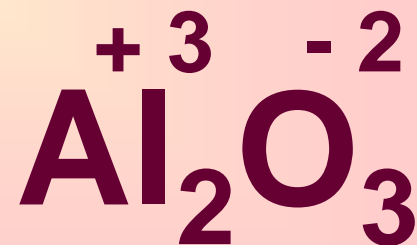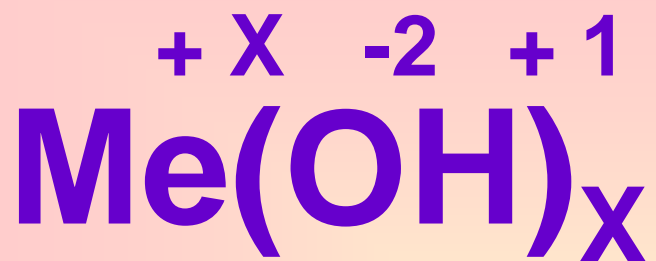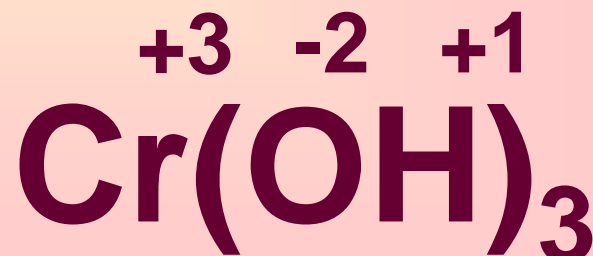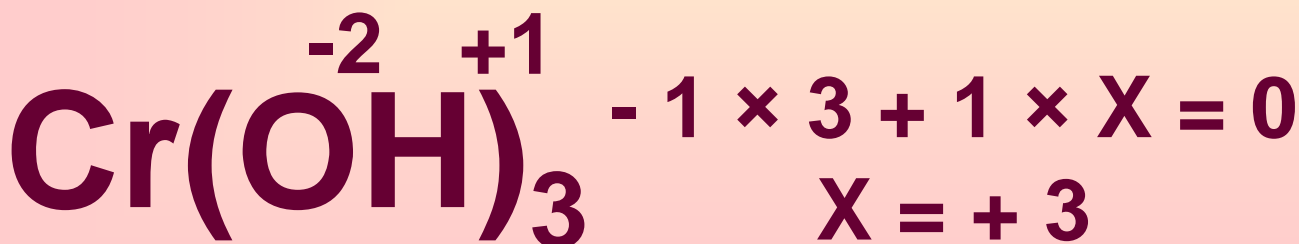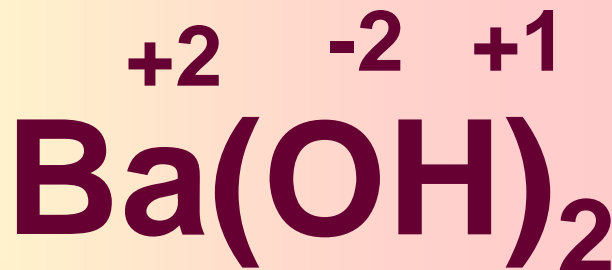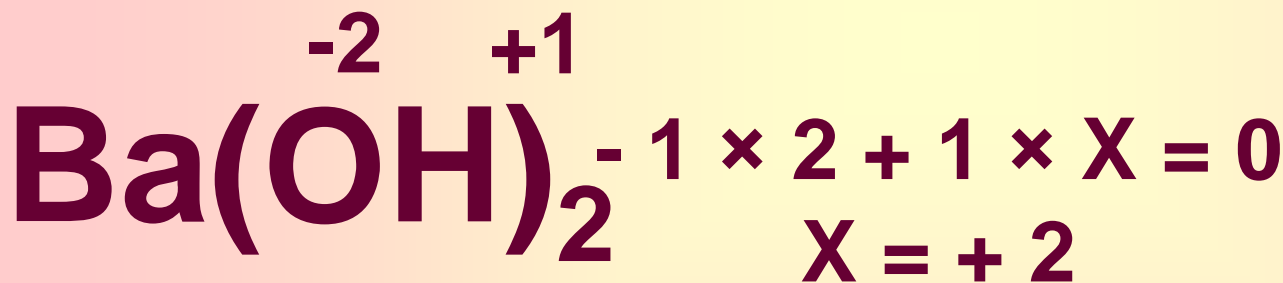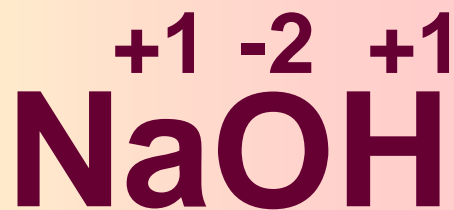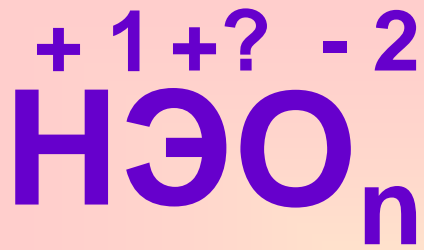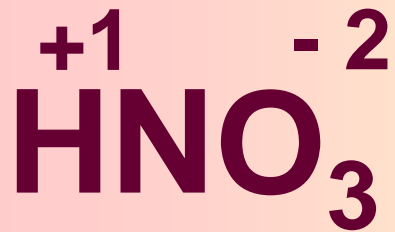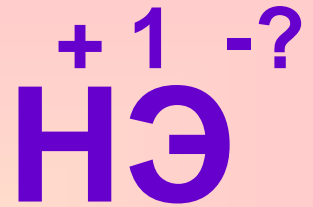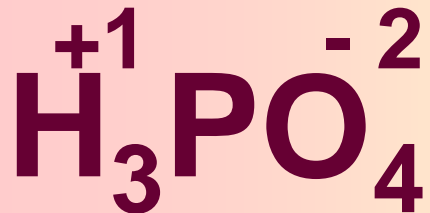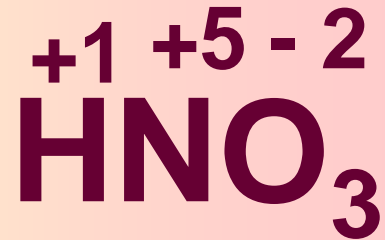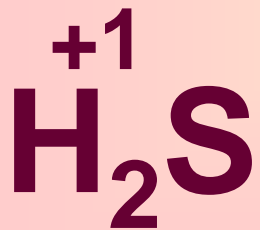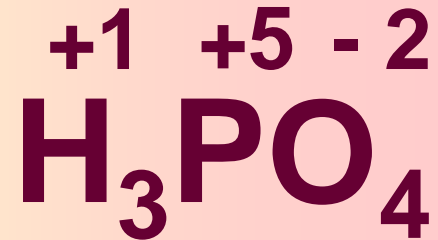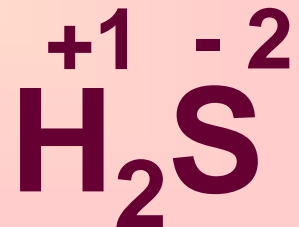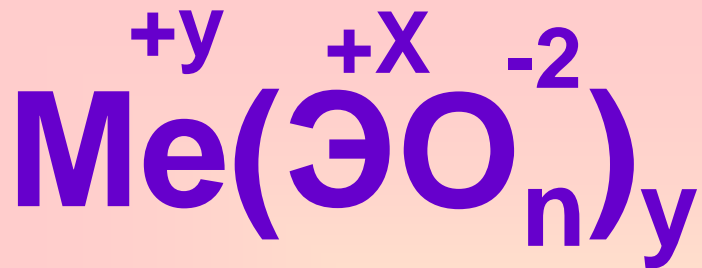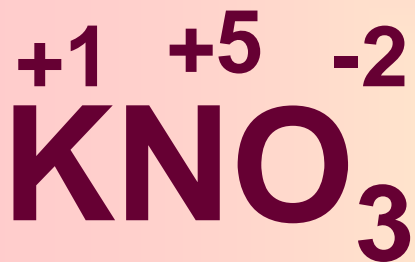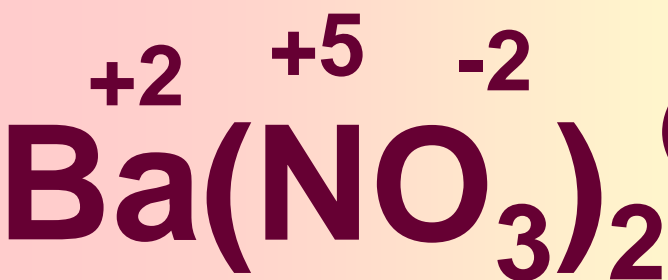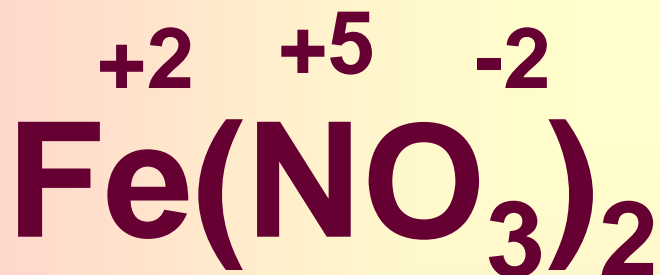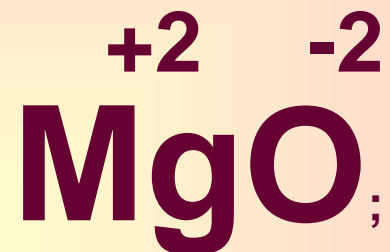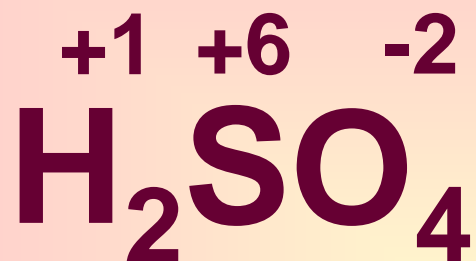
$$(-2 \times 4 + X \times 1) \times 3 + 3 \times 2 = 0$$
$$X = +6$$

Quyidagi formulasi keltirilgan moddalardagi elementlarning Oksidlanish darajalarini aniqlang?

$$H_2SO_4;\ MgO;\ Cu(OH)_2;\ Fe(NO_3)_2.$$

$$\overset{+1\ +6\ -2}{H_2SO_4}$$

$$\overset{+2\ -2}{MgO};$$

$$\overset{+2\ +5\ -2}{Fe(NO_3)_2}$$

$$\overset{+2\ -2\ +1}{Cu(OH)_2};$$

3O; 2K; Si lardan foydalanib formula tuzing va elementlarning oksidlanish darajasini aniqlang

$$\overset{+1}{K_2}\overset{+4}{Si}\overset{-2}{O_3}$$